

Model 44M20

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	4.83	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
170	2.9	1.5	170	146	579

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm*	2	1/8, cf = 4.0 (12dB)	2975	39.9**	20.0	475	408	1619
2 Ohm*	4	1/4, cf = 2.8 (9dB)	2903	39.0**	19.5	403	346	1375
2 Ohm*	4	1/8, cf = 4.0 (12dB)	1490	19.8	9.9	240	207	820
2 Ohm*	8	1/4, cf = 2.8 (9dB)	1465	19.3	9.6	215	185	735
2 Ohm*	8	1/8, cf = 4.0 (12dB)	820	11.2	5.6	195	167	664
100V	-	1/8, cf = 4.0 (12dB)	2975	39.9**	20.0	475	408	1619
70V	-	1/8, cf = 4.0 (12dB)	2153	27.5	13.7	385	331	1314
25V	-	1/8, cf = 4.0 (12dB)	871	11.9	6.0	246	211	839

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated
- *The M20 does not have 4 & 8 Ohm Low Z modes
- **The EBP limiter should be set to 32A, but will not activate on any sensible program material

Model 44M10

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	4.8	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
170	2.9	1.5	170	146	579

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm	2	1/8, cf = 4.0 (12dB)	1575	22.63	11.32	325	279	1107
2 Ohm	4	1/4, cf = 2.8 (9dB)	1535	22.17	11.09	285	245	971
2 Ohm	4	1/8, cf = 4.0 (12dB)	850	12.95	6.48	225	193	766
4 Ohm	4	1/4, cf = 2.8 (9dB)	2895	36.94**	18.47	395	339	1346
4 Ohm	4	1/8, cf = 4.0 (12dB)	1525	22.62	11.31	275	236	937
4 Ohm	8	1/4, cf = 2.8 (9dB)	1510	21.71	10.86	260	223	886
4 Ohm	8	1/8, cf = 4.0 (12dB)	839	12.72	6.36	214	184	729
8 Ohm	8	1/4, cf = 2.8 (9dB)	1507	21.18	10.59	257	221	877
8 Ohm	8	1/8, cf = 4.0 (12dB)	820	11.60	5.80	195	167	664
100V	-	1/8, cf = 4.0 (12dB)	1525	22.62	11.31	275	236	937
70V	-	1/8, cf = 4.0 (12dB)	1575	22.63	11.32	325	279	1107
25V	-	1/8, cf = 4.0 (12dB)	694	10.58	5.29	252	217	860

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated
- **The EBP limiter should be set to 32A, but will not activate on any sensible program material

Model 44M06

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	5	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
115	2.0	1.0	115	99	392

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm	2	1/8, cf = 4.0 (12dB)	1005	15.2	7.6	255	219	869
2 Ohm	4	1/4, cf = 2.8 (9dB)	974	14.7	7.3	224	192	764
2 Ohm	4	1/8, cf = 4.0 (12dB)	546	9.1	4.6	171	147	583
4 Ohm	4	1/4, cf = 2.8 (9dB)	1763	25.1	12.5	263	226	897
4 Ohm	4	1/8, cf = 4.0 (12dB)	953	13.6	6.8	203	174	692
4 Ohm	8	1/4, cf = 2.8 (9dB)	946	13.6	6.8	196	168	668
4 Ohm	8	1/8, cf = 4.0 (12dB)	535	8.5	4.2	160	137	545
8 Ohm	8	1/4, cf = 2.8 (9dB)	1417	19.2	9.6	167	144	571
8 Ohm	8	1/8, cf = 4.0 (12dB)	788	11.2	5.6	163	140	557
100V	-	1/8, cf = 4.0 (12dB)	923	13.1	6.6	173	149	590
70V	-	1/8, cf = 4.0 (12dB)	953	13.6	6.8	203	174	692
25V	-	1/8, cf = 4.0 (12dB)	521	8.2	4.1	179	154	610

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated

Model 48M20

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	4.8	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
177	3.0	1.6	177	153	605

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm	2	1/8, cf = 4.0 (12dB)	1957	27.5	13.8	457	393	1561
2 Ohm	4	1/4, cf = 2.8 (9dB)	1895	26.6	13.3	395	340	1349
2 Ohm	4	1/8, cf = 4.0 (12dB)	1039	15.7	7.8	289	249	987
4 Ohm	4	1/8, cf = 4.0 (12dB)	2982	40.0**	20.0	482	415	1646
4 Ohm	8	1/4, cf = 2.8 (9dB)	2947	37.6**	18.8	447	385	1527
4 Ohm	8	1/8, cf = 4.0 (12dB)	1577	22.7	11.3	327	282	1117
8 Ohm	8	1/4, cf = 2.8 (9dB)	2782	37.4**	18.7	282	243	964
8 Ohm	8	1/8, cf = 4.0 (12dB)	1524	21.6	10.8	274	236	935
100V	-	1/8, cf = 4.0 (12dB)	2982	40.0**	20.0	482	415	1646
70V	-	1/8, cf = 4.0 (12dB)	2475	31.6	15.8	539	463	1839
25V	-	1/8, cf = 4.0 (12dB)	990	14.9	7.5	305	262	1041

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated
- **The EBP limiter should be set to 32A, but will not activate on any sensible program material

Model 48M10

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	4.8	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
177	3.0	1.6	177	153	605

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm	2	1/8, cf = 4.0 (12dB)	1661	23.9	11.9	411	353	1401
2 Ohm	4	1/4, cf = 2.8 (9dB)	1609	23.2	11.6	359	309	1225
2 Ohm	4	1/8, cf = 4.0 (12dB)	896	13.7	6.8	271	233	924
4 Ohm	4	1/4, cf = 2.8 (9dB)	2924	37.3**	18.7	424	365	1447
4 Ohm	4	1/8, cf = 4.0 (12dB)	1574	23.4	11.7	324	279	1106
4 Ohm	8	1/4, cf = 2.8 (9dB)	1562	22.5	11.2	312	269	1066
4 Ohm	8	1/8, cf = 4.0 (12dB)	877	13.3	6.7	252	217	861
8 Ohm	8	1/4, cf = 2.8 (9dB)	2782	39.1**	19.6	282	243	964
8 Ohm	8	1/8, cf = 4.0 (12dB)	1524	21.6	10.8	274	236	935
100V	-	1/8, cf = 4.0 (12dB)	1524	22.6	11.3	274	236	935
70V	-	1/8, cf = 4.0 (12dB)	1574	23.4	11.7	324	279	1106
25V	-	1/8, cf = 4.0 (12dB)	990	15.1	7.5	305	262	1041

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated
- **The EBP limiter should be set to 32A, but will not activate on any sensible program material

Model 48M06

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	4.8	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
177	3.0	1.6	177	153	605

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm	2	1/8, cf = 4.0 (12dB)	1067	16.1	8.0	317	273	1083
2 Ohm	4	1/4, cf = 2.8 (9dB)	1036	15.6	7.8	286	246	977
2 Ohm	4	1/8, cf = 4.0 (12dB)	608	10.2	5.1	233	201	796
4 Ohm	4	1/4, cf = 2.8 (9dB)	1825	25.9	13.0	325	280	1110
4 Ohm	4	1/8, cf = 4.0 (12dB)	1015	14.4	7.2	265	228	906
4 Ohm	8	1/4, cf = 2.8 (9dB)	1008	14.5	7.2	258	222	882
4 Ohm	8	1/8, cf = 4.0 (12dB)	597	9.5	4.7	222	191	759
8 Ohm	8	1/4, cf = 2.8 (9dB)	1740	23.6	11.8	240	207	820
8 Ohm	8	1/8, cf = 4.0 (12dB)	985	14.5	7.2	235	202	803
100V	-	1/8, cf = 4.0 (12dB)	985	14.5	7.2	235	202	803
70V	-	1/8, cf = 4.0 (12dB)	1015	14.9	7.5	265	228	906
25V	-	1/8, cf = 4.0 (12dB)	752	11.0	5.5	268	230	914

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated

Model 48M03

Sleep mode (slow wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
4.8	0.3	0.2	4.8	4	16

Standby mode (fast wake up)					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
52	0.8	0.4	52	45	178

Running with no audio signal					
AC Mains Power Draw (Watts)	Current Draw (Amps)		Thermal Dissipation		
	100Vac	200Vac	Watts	kcal/hr	btu/hr
177	3.0	1.6	177	153	605

Running (all channels driven)								
Load Mode	Load (Ohms)	Signal duty & Crest Factor	Input power (Watts)	Input Current (Amps)		Thermal Dissipation		
				100Vac	200Vac	Watts	kcal/hr	btu/hr
2 Ohm	2	1/8, cf = 4.0 (12dB)	622	10.4	5.2	247	213	844
2 Ohm	4	1/4, cf = 2.8 (9dB)	607	10.2	5.1	232	199	791
2 Ohm	4	1/8, cf = 4.0 (12dB)	393	6.6	3.3	205	177	701
4 Ohm	4	1/4, cf = 2.8 (9dB)	1001	27.3	13.7	251	216	858
4 Ohm	4	1/8, cf = 4.0 (12dB)	596	10.0	5.0	221	190	755
4 Ohm	8	1/4, cf = 2.8 (9dB)	593	9.9	5.0	218	187	743
4 Ohm	8	1/8, cf = 4.0 (12dB)	387	6.5	3.2	200	172	682
8 Ohm	8	1/4, cf = 2.8 (9dB)	959	13.6	6.8	209	180	713
8 Ohm	8	1/8, cf = 4.0 (12dB)	581	9.7	4.9	206	177	704
100V	-	1/8, cf = 4.0 (12dB)	581	9.7	4.9	206	177	704
70V	-	1/8, cf = 4.0 (12dB)	596	10.0	5.0	221	190	755
25V	-	1/8, cf = 4.0 (12dB)	584	9.8	4.9	241	207	823

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 200Vac, 50Hz.
- The Current Draw figures for 100Vac are calculated